PI 558585   **origin:** United States. **origin institute:** USDA-ARS Hops
Research Project, East Farm, Corvallis, Oregon 97331.
cultivar: USDA 52045M. **pedigree:** (E. Kent Gold. x Early
Gr-Kent Gold sd)x(Early Gr x Unk sd). **other id:** USDA
52045M. **remarks:** Excellent vigor, very late. Perennial.
Breeding Material. Plant.

PI 558586   **origin:** United States. **origin institute:** USDA-ARS Hops
Research Project, East Farm, Corvallis, Oregon 97331.
cultivar: USDA 19170M. **pedigree:** Unknown sdlg x (E. Kent
Golding x Early Green-Kent Gold sdl). **other id:** USDA
19170M. **remarks:** Poor sidearm length and poor yield
potential. Perennial. Breeding Material. Plant.

PI 558587   **origin:** United States. **origin institute:** USDA-ARS Hops
Research Project, East Farm, Corvallis, Oregon 97331.
cultivar: USDA 19047M. **pedigree:** Elsasser x Fuggle
seedling. **other id:** USDA 19047M. **remarks:** Carries genes
for European quality traits. Perennial. Breeding
Material. Plant.

PI 558588   **origin:** United States. **origin institute:** USDA-ARS Hops
Research Project, East Farm, Corvallis, Oregon 97331.
cultivar: USDA 58111M. **pedigree:** [(BG x Belg. 31 sd x
Belg. 31) x (LG x Fuggle sd)] x OP. **other id:** USDA
58111M. **remarks:** Medium late, excellent vigor and yield
potential. Perennial. Breeding Material. Plant.

PI 558589   **origin:** United States. **historical origin:** United States.
origin institute: USDA-ARS Hops Research Project, East
Farm, Corvallis, Oregon 97331. **cultivar:** USDA 21117M
Native Wisconsin selection. **pedigree:** Selected from the
wild in Wisconsin. **collected:** 1976. **other id:** USDA
21117M. **remarks:** Probably an escaped commercial cultivar
from the late 1800's. Perennial. Breeding Material.
Plant.

PI 558590   **origin:** United States. **origin institute:** USDA-ARS Hops
Research Project, East Farm, Corvallis, Oregon 97331.
cultivar: USDA 51114M. **pedigree:** (Landhop sd x Golden
Cluster-Fuggle sd)x(Semsch x 8-2 BY). **other id:** USDA
51114M. **remarks:** Resistant to spider mites and downy
mildew in the field. Perennial. Breeding Material.
Plant.